LEGEND

PROPOSED CONSTRUCTION WORK ZONE

PROPOSED STAGING AREA

SINGLE LANE UNIDIRECTIONAL TRAFFIC

SINGLE LANE BIDIRECTIONAL TRAFFIC

TRAFFIC BARREL/DRUM

JERSEY/TRIPLEX BARRIER

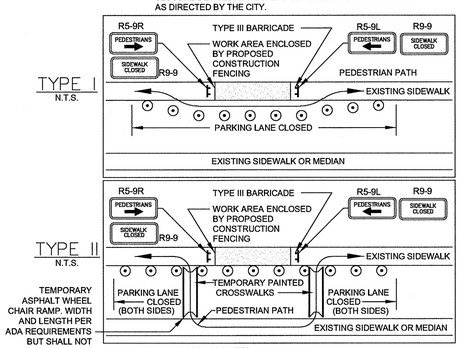
TRAFFIC MANAGEMENT SIGN DURING CONSTRUCTION

POLICE DETAIL (P)

GENERAL NOTES

1. ALL CONSTRUCTION SIGNING, DRUMS, BARRICADES AND OTHER DEVICES SHALL CONFORM WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AS AMENDED.
2. ALL DRUMS SHALL BE SET @ 20' O.C. MAX. UNLESS OTHERWISE NOTED OR ADJUSTED BY THE ENGINEER.
3. ALL DRUMS SHALL BE APPROXIMATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN ADEQUATE ABUTTER ACCESS AT ALL TIMES. WORK MAY REQUIRE ADDITIONAL SIGNS, DRUMS AND OTHER TRAFFIC CONTROL DEVICES, GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN, VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS, BOTH DURING AND AFTER WORKING HOURS, TO MAINTAIN SUCH ACCESS.
4. THE CONTRACTOR SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT, PARKING RESTRICTIONS, AND SIMILAR OPERATIONS.
5. DURING WORK IN INTERSECTIONS A MINIMUM OF ONE LANE OF ALTERNATING TRAFFIC SHALL BE ALLOWED TO PASS AT ALL TIMES. PLEASE REFER TO DETAIL ON THIS SHEET.
6. GRADE SEPARATIONS IN EXCESS OF 2" DURING NON-WORKING HOURS WILL REQUIRE DELINEATION BY USE OF DRUMS.
7. EXCAVATION EDGES IN EXCESS OF 4" DEEP SHALL BE PROTECTED DURING NON-WORKING HOURS BY BACKFILLING WITH A WEDGE OF GRAVEL OR SOIL TO COMPACTED 4:1 SLOPE.
8. 11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE REQUIRED.
9. EXCAVATIONS SHALL BE PROTECTED DURING NON WORK HOURS BY STEEL PLATES PINNED WITH EDGES PAVED OR BARRICADES AS APPROVED BY THE ENGINEER.
10. ADVISORY SPEED PLATES (W13-1) SHALL BE USED IF APPROPRIATE AND AS REQUIRED BY THE ENGINEER.
11. ALL SIGN LOCATIONS ARE SHOWN SCHEMATICALLY. FINAL LOCATIONS SHALL BE DETERMINED BASED ON ACTUAL FIELD CONDITIONS AND ENGINEER APPROVAL. PERMISSION AND RELATED PERMITS FOR THE LOCATION OF SIGNS AND VMB'S (VARIABLE MESSAGE BOARDS) ARE THE CONTRACTOR'S RESPONSIBILITY.
12. THE CONTRACTOR IS REQUIRED TO USE POLICE DETAILS TO MAINTAIN SAFETY OF PEDESTRIAN AND VEHICULAR TRAFFIC.
13. THE CONTRACTOR SHALL COVER OR REMOVE SIGNAGE AT THE END OF WORK HOURS OR WORK PHASES AS APPROPRIATE.
14. WORK HOURS ARE FROM 7 AM TO 4 PM UNLESS OTHERWISE NOTED IN THE TRAFFIC MANAGEMENT PLANS AND/OR SPECIFICATIONS. REFER TO SPECIFICATION SECTION 01010 "SUMMARY OF WORK" FOR RESTRICTIONS ON WORK HOURS.
15. THE CONTRACTOR SHALL PROTECT ALL TRAVEL WAYS FROM DUST AND CONSTRUCTION DEBRIS AT ALL TIMES.
16. CONSTRUCTION SIGNING SHALL BE ORANGE BACKGROUND WITH BLACK LEGEND AND BLACK BORDER UNLESS OTHERWISE NOTED.
17. TRAFFIC MANAGEMENT PLANS SHOW MINIMUM REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SAFETY.
18. PARKING SHALL BE RESTRICTED WITHIN WORK ZONES, AND BUFFER AND TAPER LENGTHS CONTRACTOR TO COORDINATE NO PARKING RESTRICTIONS WITH THE CITY OF CAMBRIDGE.

TO BE USED IN CONJUNCTION WITH THE PROPOSED LANE CLOSURE DETAILS AND DURING CONSTRUCTION STAGING AND AS DIRECTED BY THE CITY.

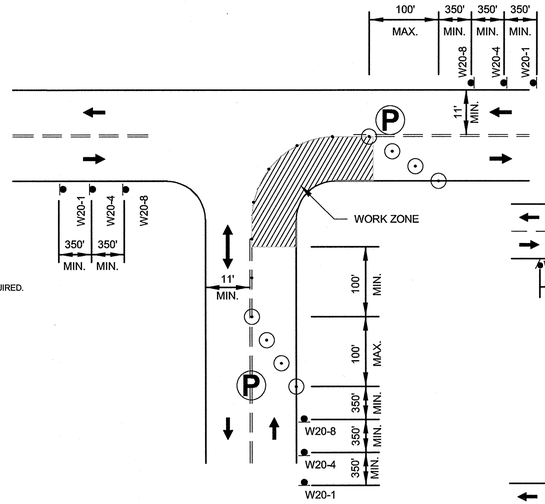


PEDESTRIAN BYPASS NOTES:

1. ADDITIONAL ADVANCE WARNING MAY BE REQUIRED BY THE CITY.
2. CONTROLS FOR PEDESTRIAN TRAFFIC ONLY ARE SHOWN. VEHICULAR TRAFFIC SHALL BE MAINTAINED AS DETAILED ELSEWHERE.
3. STREET LIGHTING SHALL BE CONSIDERED WHEN LOCATING CONTROL DEVICES.
4. EXISTING WHEELCHAIR RAMPS SHALL BE CONSIDERED WHEN LOCATING TEMPORARY PAINTED CROSSWALKS.
5. ◄——► DIRECTION OF PEDESTRIAN TRAVEL.
6. IF THE WORK ZONE DOES NOT PERMIT PEDESTRIANS TO TRAVEL ADJACENT TO IT AS SHOWN IN PEDESTRIAN BYPASS TYPE I, TEMPORARY CROSSWALKS WITH APPROPRIATE SIGNS SHALL BE INSTALLED TO CROSS PEDESTRIANS TO THE OPPOSITE SIDE OF THE STREET AS SHOWN IN PEDESTRIAN BYPASS TYPE II, AND AS REQUIRED BY THE ENGINEER.

PEDESTRIAN BYPASS DETAIL

N.T.S.



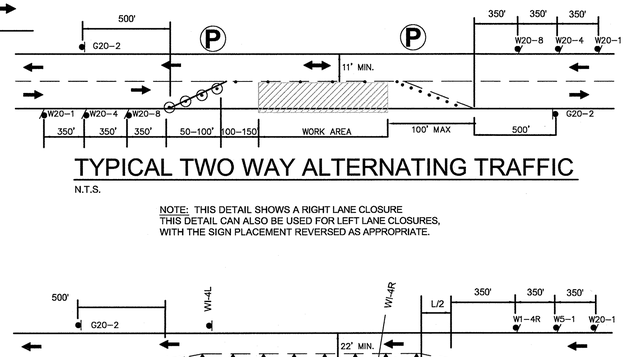
NOTE:
1. ADVANCE WARNING SIGN PLACEMENT TO BE ADJUSTED AS NECESSARY.

ONE LANE BI-DIRECTIONAL TRAFFIC AT INTERSECTIONS

N.T.S.

TRENCH PLATE SIGNING DETAIL

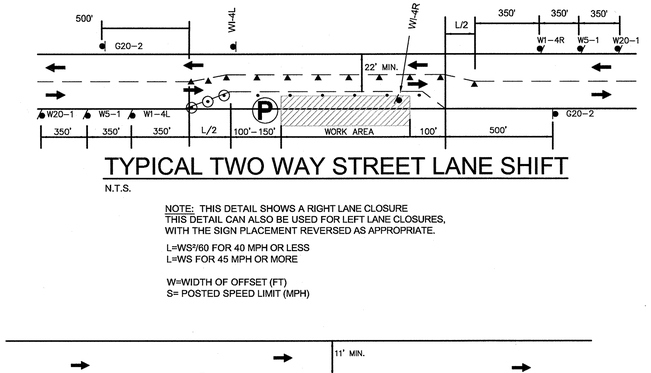
N.T.S.



TYPICAL TWO WAY ALTERNATING TRAFFIC

N.T.S.

NOTE: THIS DETAIL SHOWS A RIGHT LANE CLOSURE
THIS DETAIL CAN ALSO BE USED FOR LEFT LANE CLOSURES,
WITH THE SIGN PLACEMENT REVERSED AS APPROPRIATE.



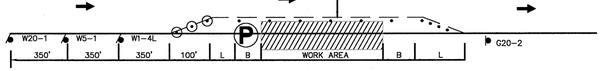
TYPICAL TWO WAY STREET LANE SHIFT

N.T.S.

NOTE: THIS DETAIL SHOWS A RIGHT LANE CLOSURE
THIS DETAIL CAN ALSO BE USED FOR LEFT LANE CLOSURES,
WITH THE SIGN PLACEMENT REVERSED AS APPROPRIATE.

L=WS²/60 FOR 40 MPH OR LESS
L=WS FOR 45 MPH OR MORE

W=WIDTH OF OFFSET (FT)
S= POSTED SPEED LIMIT (MPH)

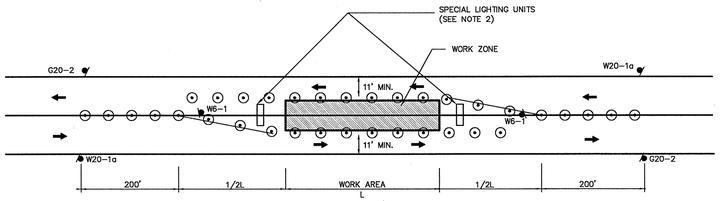


TYPICAL ONE WAY STREET LANE SHIFT

N.T.S.

NOTE: THIS DETAIL SHOWS A RIGHT LANE CLOSURE
THIS DETAIL CAN ALSO BE USED FOR LEFT LANE CLOSURES,
WITH THE SIGN PLACEMENT REVERSED AS APPROPRIATE.

L= WS² /60 FOR 40 MPH OR LESS
L= WS FOR 45 MPH OR MORE
B= BUFFER ZONE



NOTES:
1. L=AREA OF 1/2 DAY OF WORK (PER MUTCD MANUAL)
2. SPECIAL LIGHTING UNITS (ARROW BOARDS) TO BE ADDED ON BOTH SIDES OF WORKZONE WHERE SPEED LIMIT MEETS OR EXCEEDS 35 M.P.H.

TYPICAL INTERIOR LANE CLOSURE

N.T.S.

CONSTRUCTION SIGN LEGEND

IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS LETTER HEIGHT	TEXT DIMENSIONS VERTICAL SPACING	TEXT DIMENSIONS ARROW	COLOR BACK-GROUND	COLOR LEGEND	COLOR BORDER
G20-2	36"	18"	END ROAD WORK	MUTCD STANDARD DETAIL			MUTCD STANDARD DETAIL		
M4-9L	30"	24"	DETOUR ◄						
M4-9R	30"	24"	DETOUR ►						
M4-8A	24"	18"	END DETOUR						
M4-9V	30"	24"	DETOUR ▲						
R1-1	30"	30"	STOP						
R3-7R/R3-7L	30"	30"	RIGHT LANE MUST TURN RIGHT / LEFT LANE MUST TURN LEFT						
R5-9L	30"	24"	PEDESTRIANS ◄						
R5-9R	30"	24"	PEDESTRIANS ►				WHITE/BLACK/BLUE		
R9-9	48"	24"	SIDEWALK CLOSED						
R11-4	60"	30"	ROAD CLOSED TO THRU TRAFFIC						
W1-4L	30"	30"							
W1-4R	30"	30"							
W3-1a	30"	30"	STOP AHEAD						
W11-1/W16-1	24"/18"	24"/24"	SHARE THE ROAD						
W4-2R	36"	36"							
W4-2L	36"	36"							
W5-1	48"	48"	ROAD NARROWS						
W6-1	36"	36"							
W6-3	48"	48"							
W6-5	24"	18"	TWO WAY TRAFFIC						
W8-8	36"	36"	ROUGH ROAD						
W9-3a	36"	36"							
W20-1	48"	48"	WORK ZONE AHEAD						
W20-1d	48"	48"	STEEL PLATES 100 FT						
W20-2	48"	48"	DETOUR AHEAD						
W20-4	48"	48"	ONE LANE ROAD AHEAD						
W20-5R/W20-5L	48"	48"	RIGHT LANE CLOSED AHEAD / LEFT LANE CLOSED AHEAD						
W20-7b	36"	36"	BE PREPARED TO STOP						
W20-8	36"	36"	POLICE OFFICER AHEAD						
	36"	36"	CAUTION-CONSTRUCTION AHEAD				MUTCD STANDARD DETAIL		
	60"	30"	CONSTRUCTION VEHICLE DO NOT FOLLOW	MUTCD STANDARD DETAIL			ORANGE/BLACK		

CONFORMED SET

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ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPADA
SANITARY
No. 31435
REGISTERED
PROFESSIONAL ENGINEER

Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	CMC			
Drawn by	CMC			
Checked by	SFJ	No.	Description	Date
Approved by	VWS	REVISIONS		

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

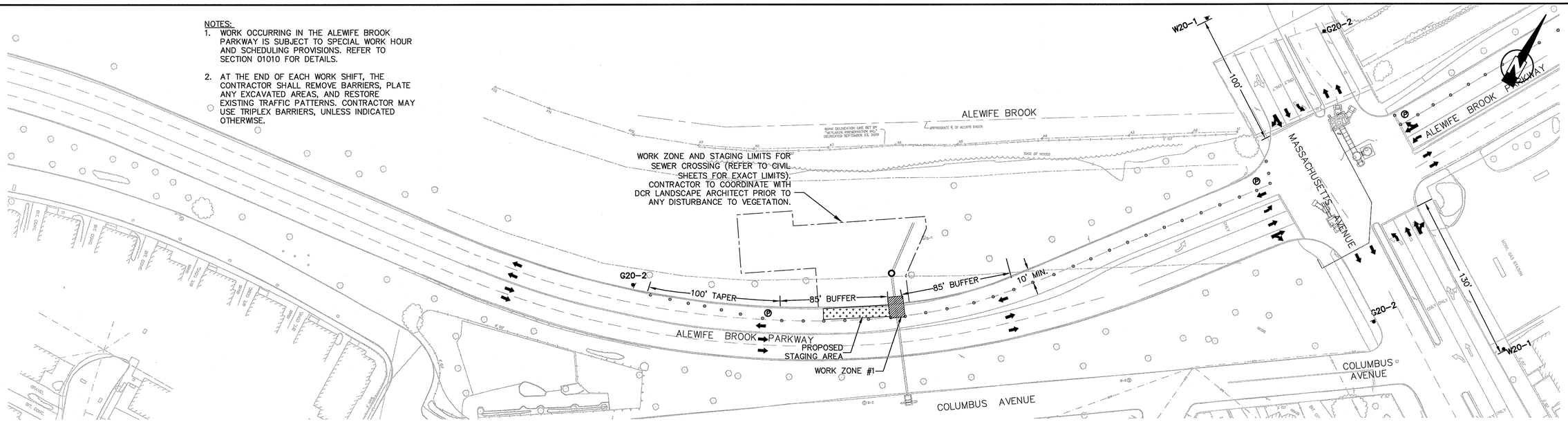
Drawing: TRAFFIC MANAGEMENT- GENERAL NOTES, DETAILS, AND CONSTRUCTION SIGN LEGEND

Sheet: TMP-1
92 OF 102

File No.

PLOT DATE= 1/14/2010 1:14:58 PM USER=BRYANT REYES FILENAME= G:_clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\General\2008288-TRAFFIC MANAGEMENT_REVISED 11.10.09.dwg

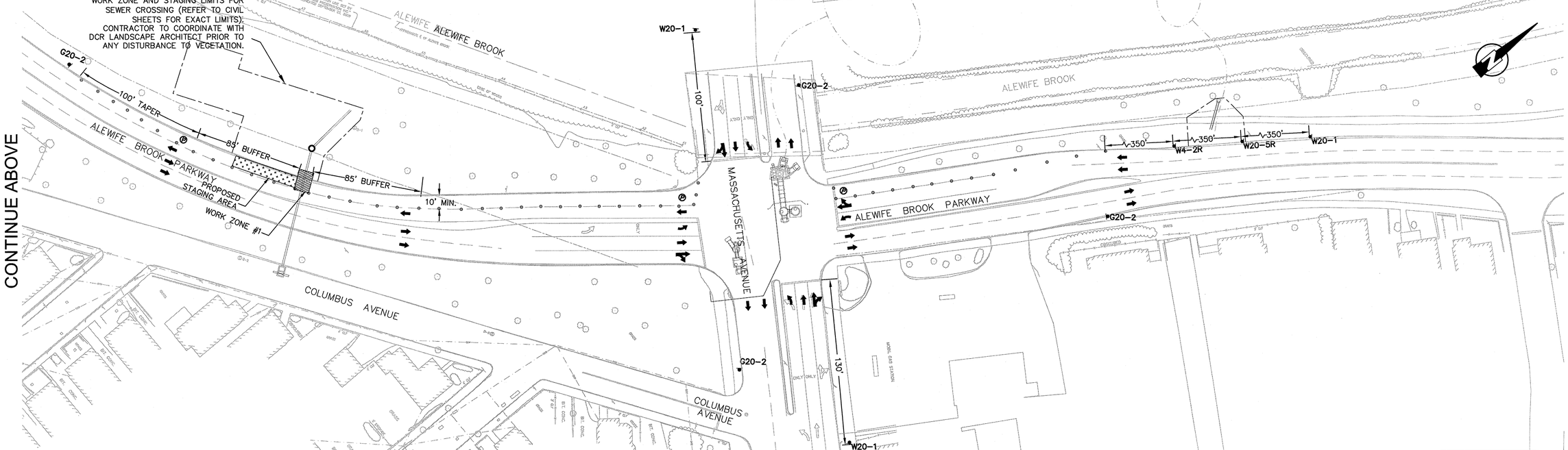
NOTES:
1. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.



ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #1

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONTINUE ABOVE



ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #1

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

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THE WORKS
CAMBRIDGE DEPARTMENT OF PUBLIC

Client: CITY OF CAMBRIDGE, MA
Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing: TRAFFIC MANAGEMENT-ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #1

Sheet: TMP-2
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File No.

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NOTES:
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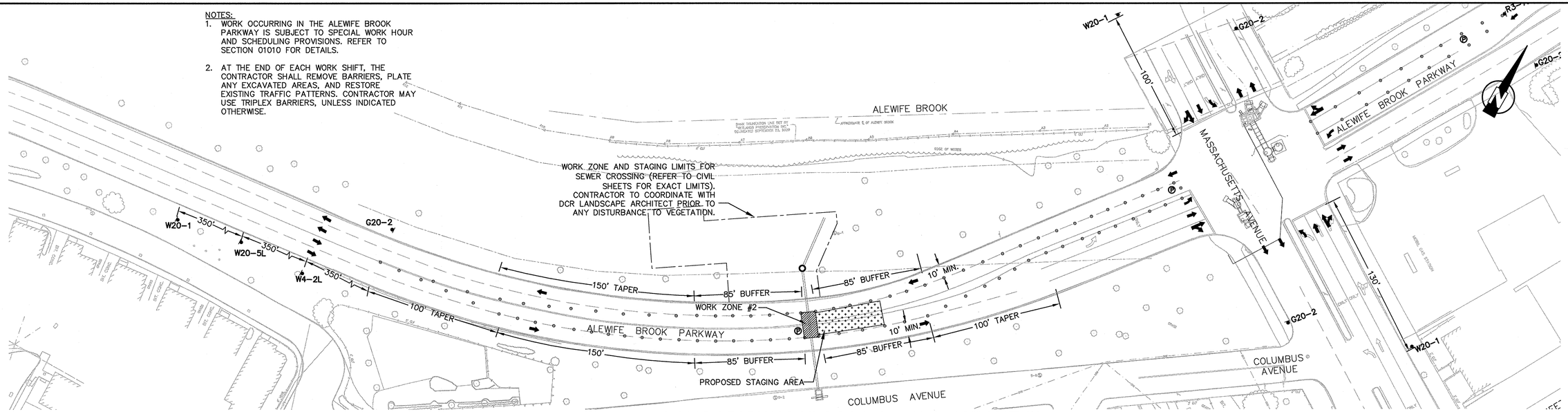
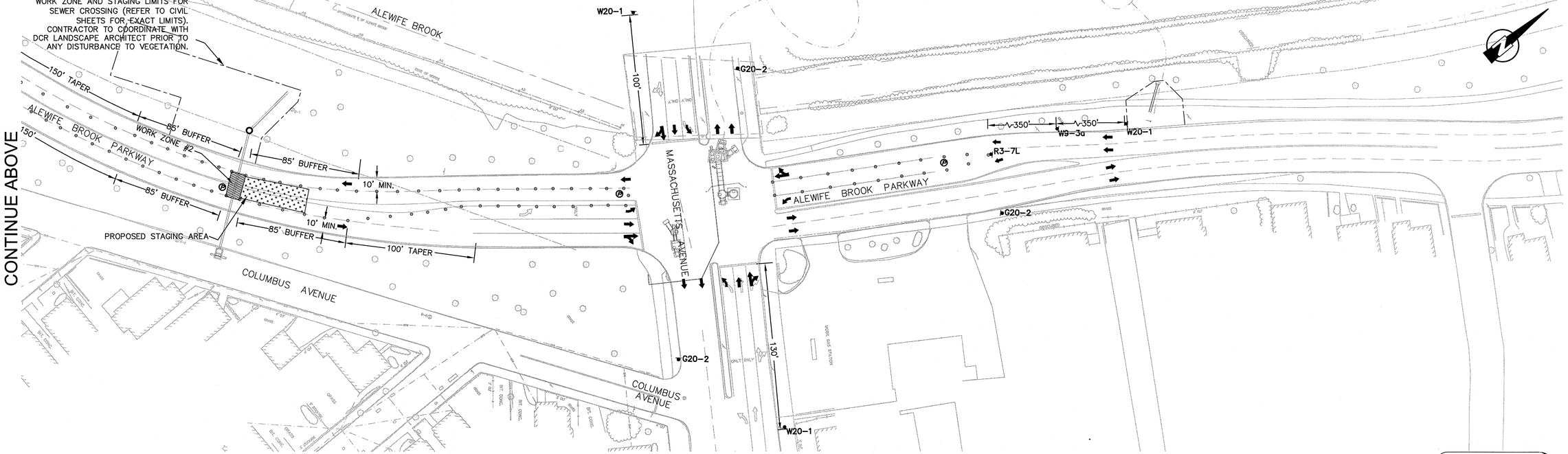
2. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.



ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #2

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'



ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #2

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

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THE WORKS
CAMBRIDGE DEPARTMENT OF PUBLIC

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #2

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File No.

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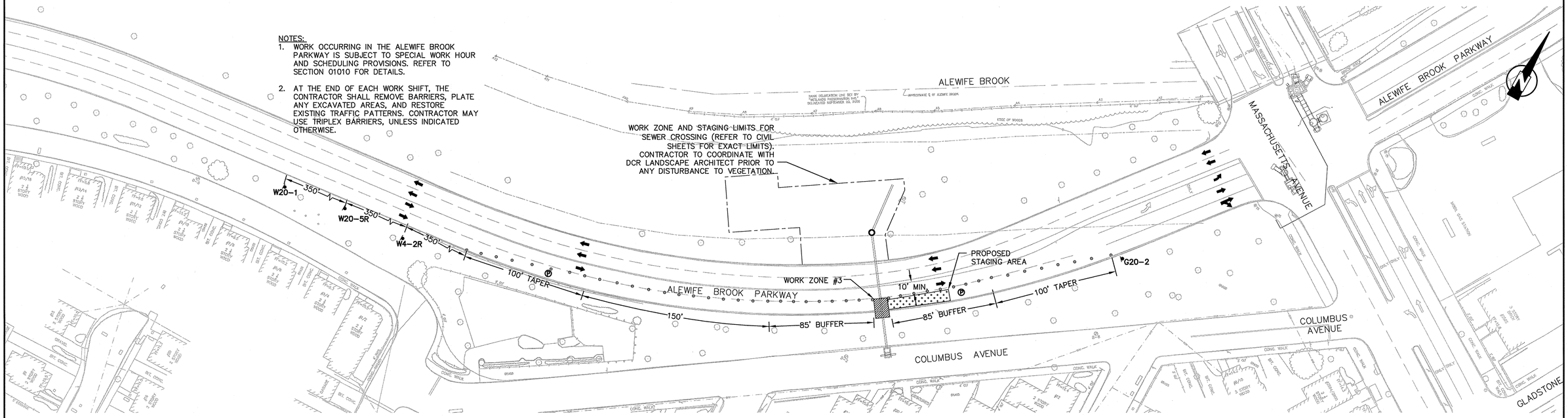
NOTES:
1. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.



ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #3

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

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PROFESSIONAL ENGINEER
1/15/10

Scale	AS NOTED
Date	JANUARY 15, 2010
Job No.	2008288.03-A
Designed by	CMC
Drawn by	CMC
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Approved by	VWS

No.	Description	Date
	REVISIONS	

THE WORKS
CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA
Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing: TRAFFIC MANAGEMENT-ALEWIFE BROOK PARKWAY CROSSING - WORK ZONE #3

Sheet: TMP-4
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File No.

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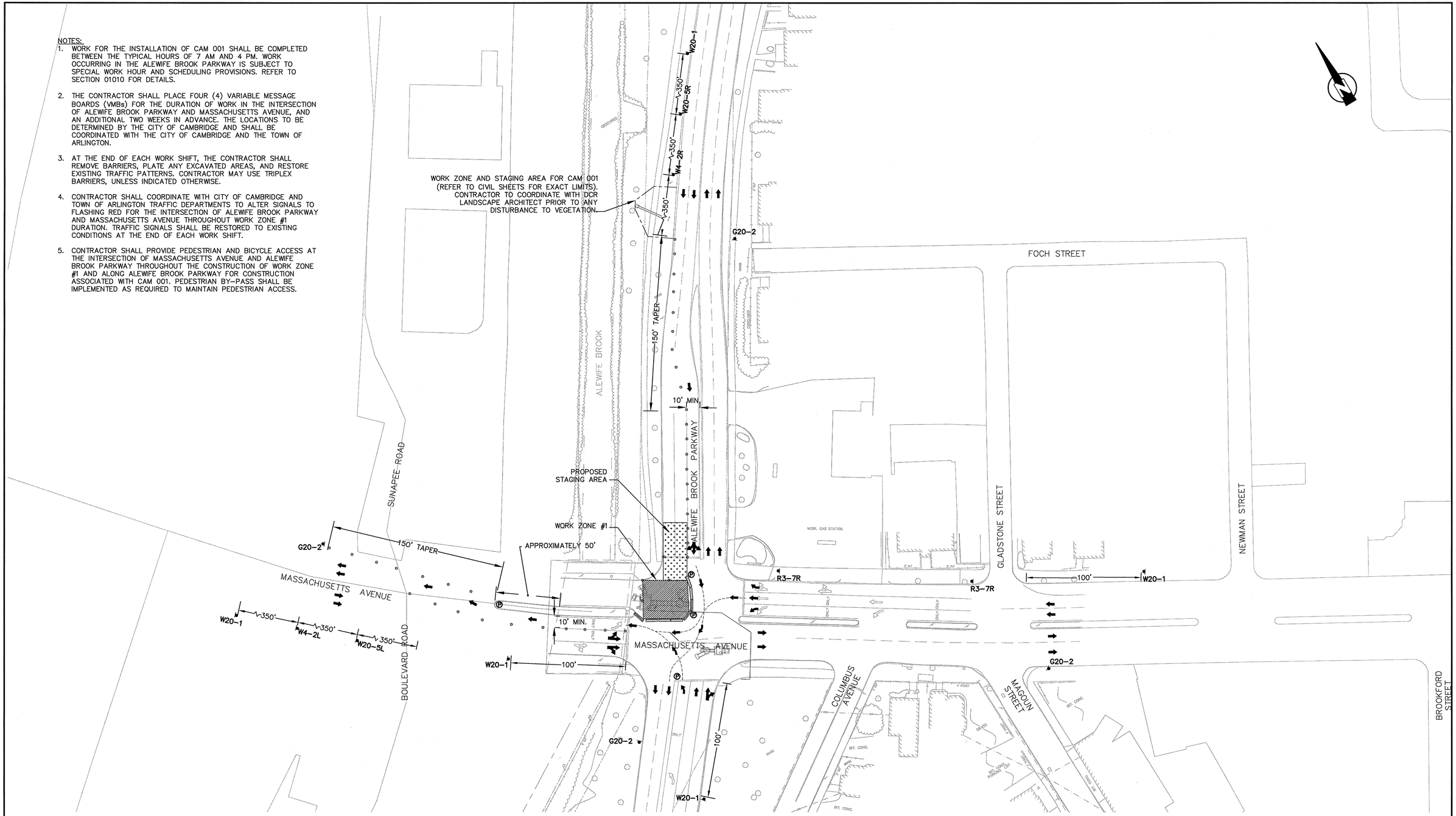
NOTES:

1. WORK FOR THE INSTALLATION OF CAM 001 SHALL BE COMPLETED BETWEEN THE TYPICAL HOURS OF 7 AM AND 4 PM. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.
3. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.
4. CONTRACTOR SHALL COORDINATE WITH CITY OF CAMBRIDGE AND TOWN OF ARLINGTON TRAFFIC DEPARTMENTS TO ALTER SIGNALS TO FLASHING RED FOR THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE THROUGHOUT WORK ZONE #1 DURATION. TRAFFIC SIGNALS SHALL BE RESTORED TO EXISTING CONDITIONS AT THE END OF EACH WORK SHIFT.
5. CONTRACTOR SHALL PROVIDE PEDESTRIAN AND BICYCLE ACCESS AT THE INTERSECTION OF MASSACHUSETTS AVENUE AND ALEWIFE BROOK PARKWAY THROUGHOUT THE CONSTRUCTION OF WORK ZONE #1 AND ALONG ALEWIFE BROOK PARKWAY FOR CONSTRUCTION ASSOCIATED WITH CAM 001. PEDESTRIAN BY-PASS SHALL BE IMPLEMENTED AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #1

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

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ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
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COMMONWEALTH OF MASSACHUSETTS
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No. 31495
REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	CMC			
Drawn by	CMC			
Checked by	SFJ	No.	Description	Date
Approved by	VWS		REVISIONS	

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #1

Sheet: TMP-5
96 OF 102

File No.

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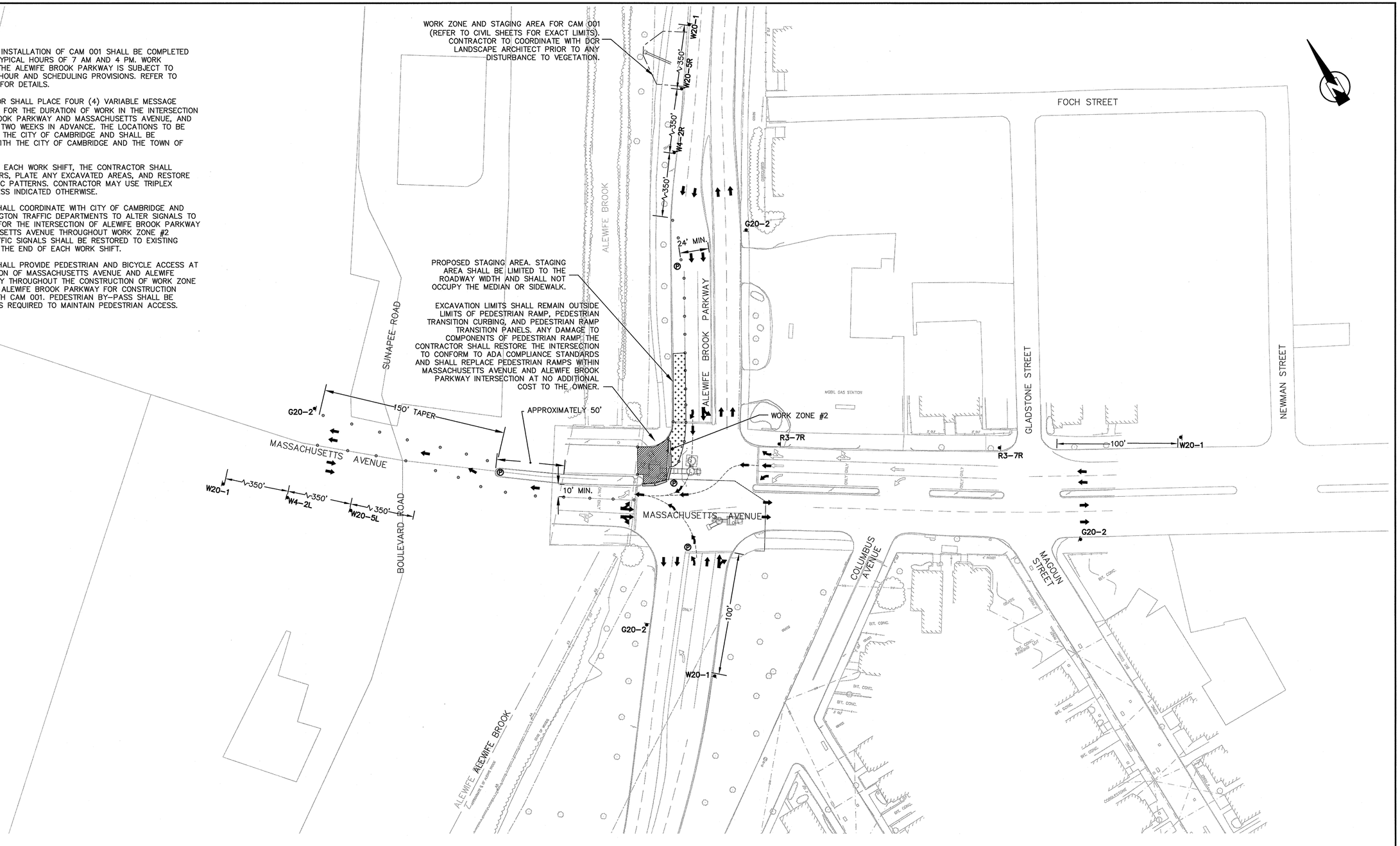
NOTES:

1. WORK FOR THE INSTALLATION OF CAM 001 SHALL BE COMPLETED BETWEEN THE TYPICAL HOURS OF 7 AM AND 4 PM. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.
3. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.
4. CONTRACTOR SHALL COORDINATE WITH CITY OF CAMBRIDGE AND TOWN OF ARLINGTON TRAFFIC DEPARTMENTS TO ALTER SIGNALS TO FLASHING RED FOR THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE THROUGHOUT WORK ZONE #2 DURATION. TRAFFIC SIGNALS SHALL BE RESTORED TO EXISTING CONDITIONS AT THE END OF EACH WORK SHIFT.
5. CONTRACTOR SHALL PROVIDE PEDESTRIAN AND BICYCLE ACCESS AT THE INTERSECTION OF MASSACHUSETTS AVENUE AND ALEWIFE BROOK PARKWAY THROUGHOUT THE CONSTRUCTION OF WORK ZONE #2 AND ALONG ALEWIFE BROOK PARKWAY FOR CONSTRUCTION ASSOCIATED WITH CAM 001. PEDESTRIAN BY-PASS SHALL BE IMPLEMENTED AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #2

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

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ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPINA
SANITARY
No. 31435
REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED			
Date	JANUARY 15, 2010			
Job No.	2008288.03-A			
Designed by	CMC			
Drawn by	CMC			
Checked by	SFJ	No.	Description	Date
Approved by	VWS	REVISIONS		

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA
Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #2
Sheet: TMP-6
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File No.

PLOT DATE=1/14/2010 1:16:57 PM USER=BRYANT REYES FILENAME=G:_clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\General\2008288-TRAFFIC MANAGEMENT_REVISED 11.10.09.dwg

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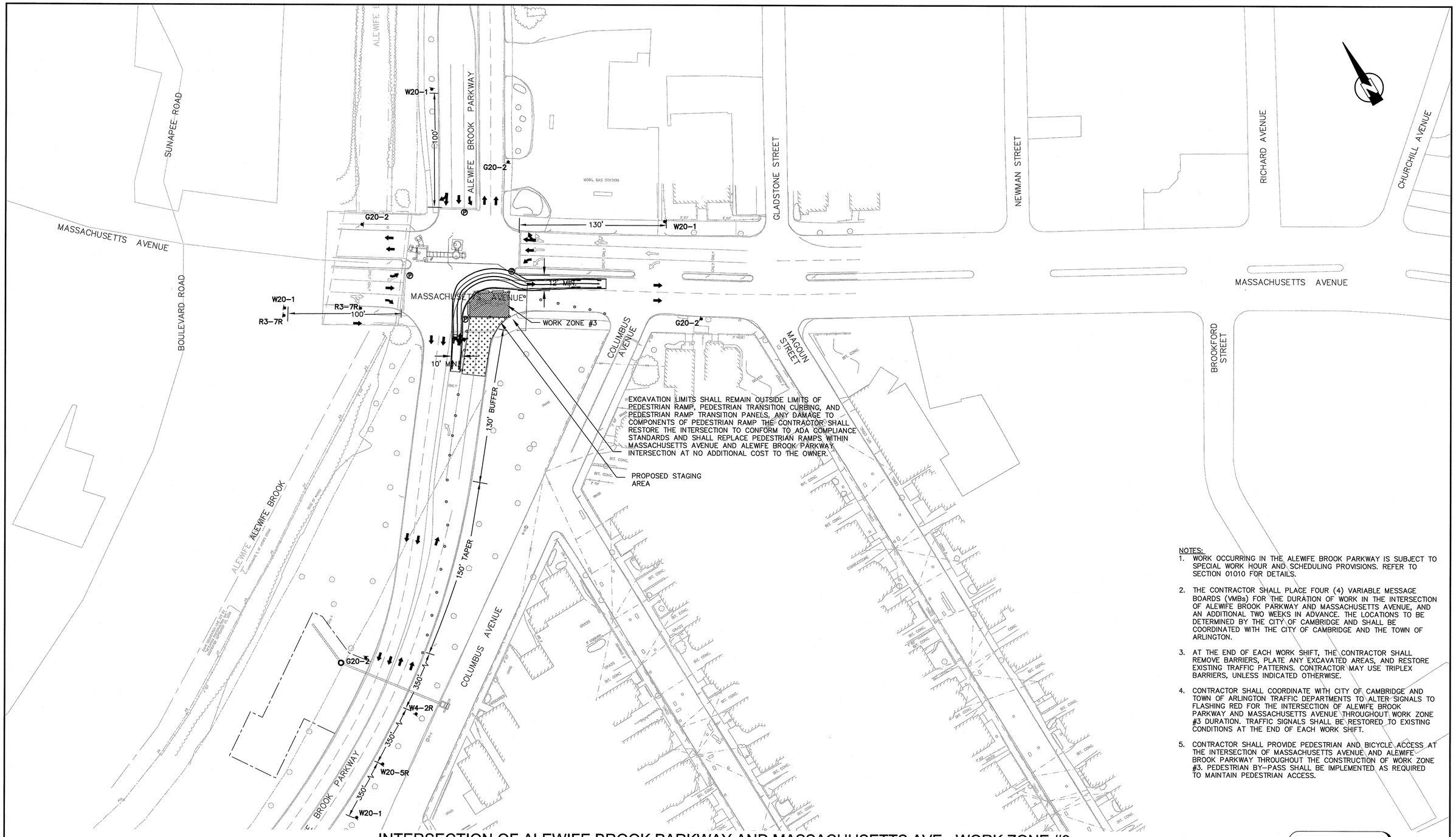

NOTES:

1. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.
3. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.
4. CONTRACTOR SHALL COORDINATE WITH CITY OF CAMBRIDGE AND TOWN OF ARLINGTON TRAFFIC DEPARTMENTS TO ALTER SIGNALS TO FLASHING RED FOR THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE THROUGHOUT WORK ZONE #3 DURATION. TRAFFIC SIGNALS SHALL BE RESTORED TO EXISTING CONDITIONS AT THE END OF EACH WORK SHIFT.
5. CONTRACTOR SHALL PROVIDE PEDESTRIAN AND BICYCLE ACCESS AT THE INTERSECTION OF MASSACHUSETTS AVENUE AND ALEWIFE BROOK PARKWAY THROUGHOUT THE CONSTRUCTION OF WORK ZONE #3. PEDESTRIAN BY-PASS SHALL BE IMPLEMENTED AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS.

INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #3

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

SEA
SEA CONSULTANTS INC.
Scientists/Engineers/Architects
CAMBRIDGE, MASSACHUSETTS CONCORD, NEW HAMPSHIRE
ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

VINCENT W. SPADA SANITARY No. 31436 REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED
Date	JANUARY 15, 2010
Job No.	2008288.03-A
Designed by	CMC
Drawn by	CMC
Checked by	SFJ
Approved by	VWS

No.	Description	Date
	REVISIONS	

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA
Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #3

Sheet: TMP-7
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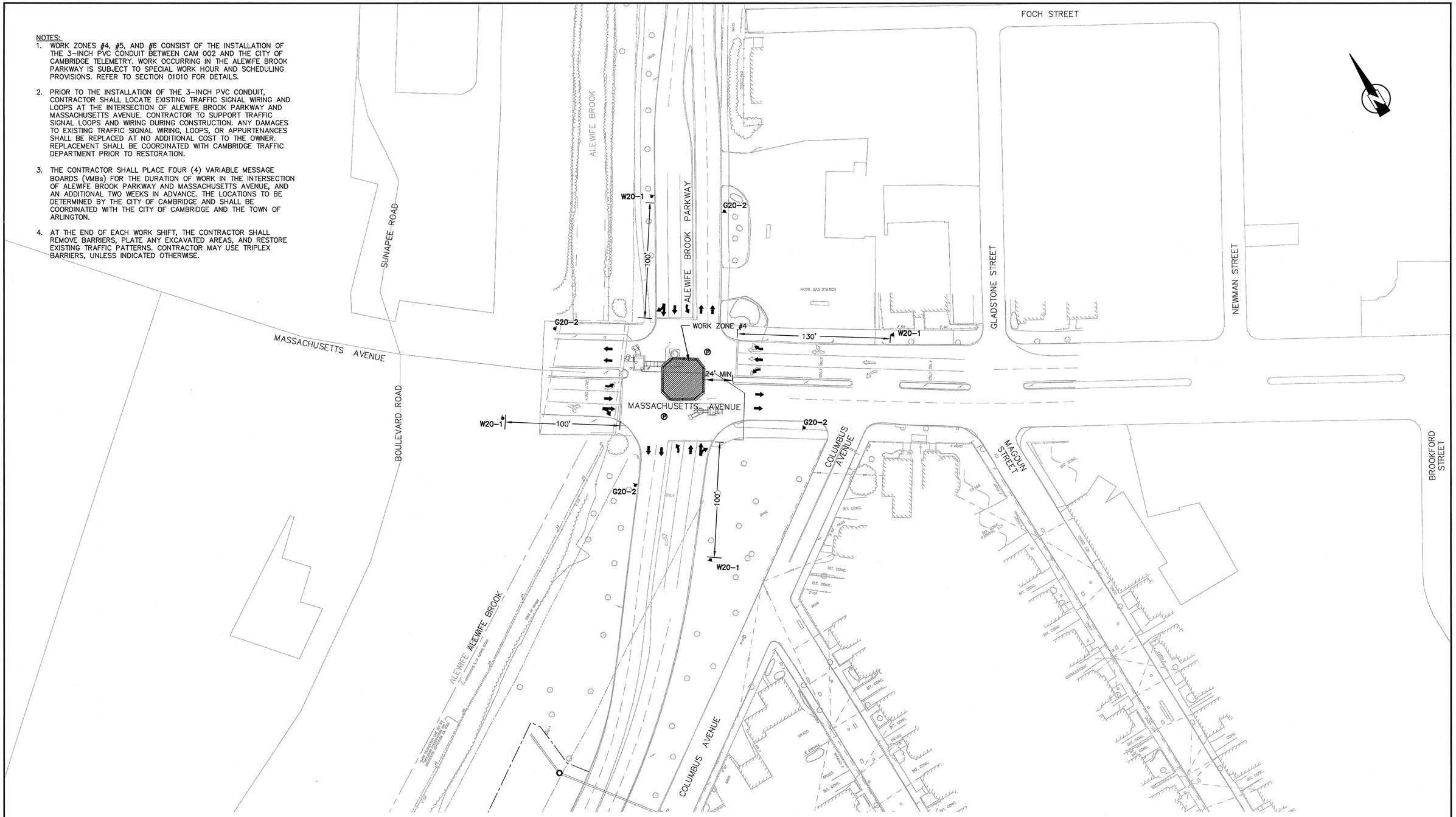
File No.

NOTES:

1. WORK ZONES #4, #5, AND #6 CONSIST OF THE INSTALLATION OF THE 3–INCH PVC CONDUIT BETWEEN CAM 002 AND THE CITY OF CAMBRIDGE TELEMETRY. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. PRIOR TO THE INSTALLATION OF THE 3–INCH PVC CONDUIT, CONTRACTOR SHALL LOCATE EXISTING TRAFFIC SIGNAL WIRING AND LOOPS AT THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE. CONTRACTOR TO SUPPORT TRAFFIC SIGNAL LOOPS AND WIRING DURING CONSTRUCTION. ANY DAMAGES TO EXISTING TRAFFIC SIGNAL WIRING, LOOPS, OR APPURTENANCES SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. REPLACEMENT SHALL BE COORDINATED WITH CAMBRIDGE TRAFFIC DEPARTMENT PRIOR TO RESTORATION.
3. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.
4. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #4

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

SEA
SEA CONSULTANTS INC.
Scientists/Engineers/Architects
CAMBRIDGE, MASSACHUSETTS CONCORD, NEW HAMPSHIRE
ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED
Date	JANUARY 15, 2010
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Designed by	CMC
Drawn by	CMC
Checked by	SFJ
Approved by	VWS

No.	Description	Date
	REVISIONS	

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #4

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File No.

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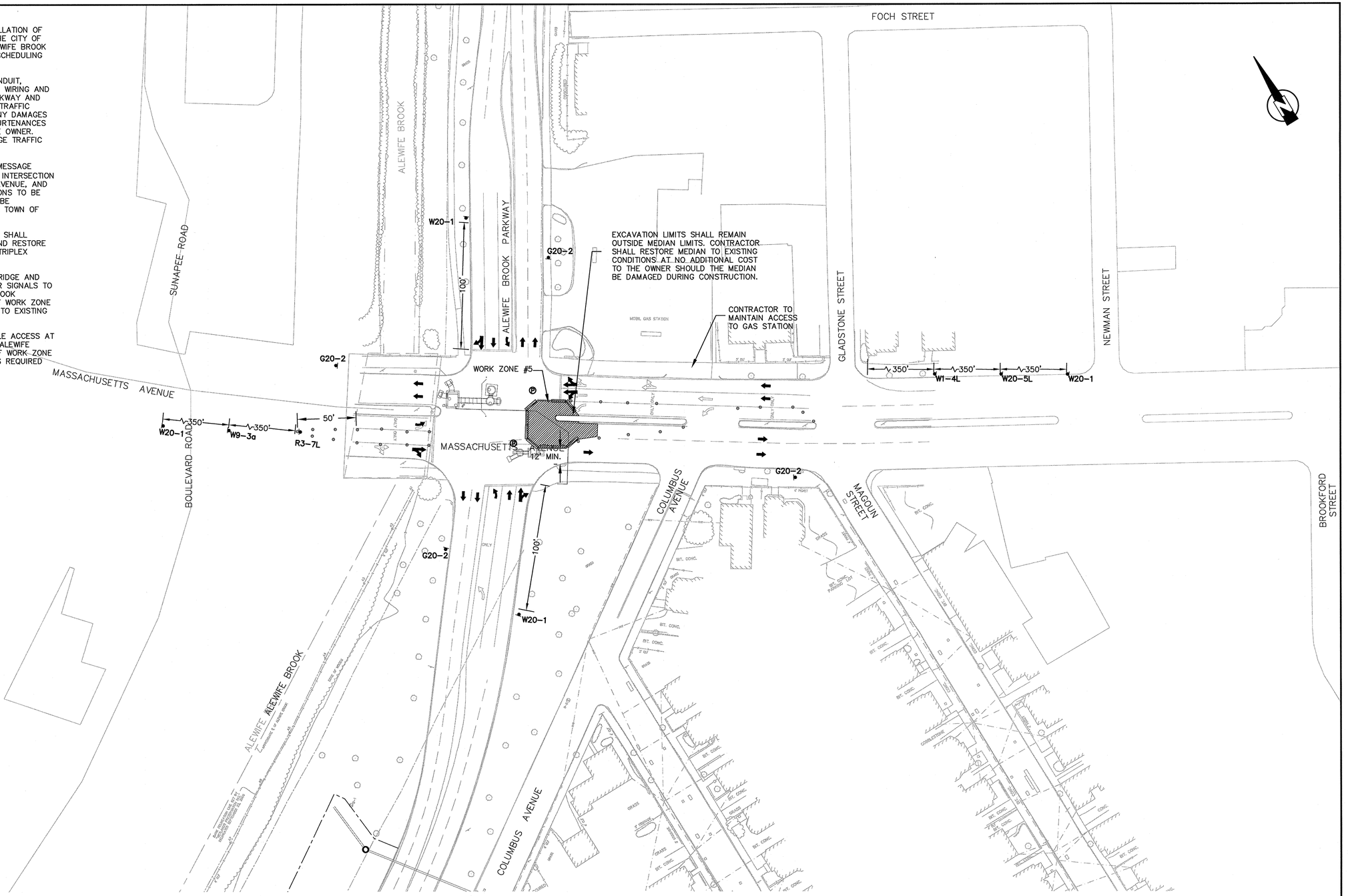
NOTES:

1. WORK ZONES #4, #5, AND #6 CONSIST OF THE INSTALLATION OF THE 3–INCH PVC CONDUIT BETWEEN CAM 002 AND THE CITY OF CAMBRIDGE TELEMETRY. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.
2. PRIOR TO THE INSTALLATION OF THE 3–INCH PVC CONDUIT, CONTRACTOR SHALL LOCATE EXISTING TRAFFIC SIGNAL WIRING AND LOOPS AT THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE. CONTRACTOR TO SUPPORT TRAFFIC SIGNAL LOOPS AND WIRING DURING CONSTRUCTION. ANY DAMAGES TO EXISTING TRAFFIC SIGNAL WIRING, LOOPS, OR APPURTENANCES SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. REPLACEMENT SHALL BE COORDINATED WITH CAMBRIDGE TRAFFIC DEPARTMENT PRIOR TO RESTORATION.
3. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.
4. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.
5. CONTRACTOR SHALL COORDINATE WITH CITY OF CAMBRIDGE AND TOWN OF ARLINGTON TRAFFIC DEPARTMENTS TO ALTER SIGNALS TO FLASHING RED FOR THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE THROUGHOUT WORK ZONE #5 DURATION. TRAFFIC SIGNALS SHALL BE RESTORED TO EXISTING CONDITIONS AT THE END OF EACH WORK SHIFT.
6. CONTRACTOR SHALL PROVIDE PEDESTRIAN AND BICYCLE ACCESS AT THE INTERSECTION OF MASSACHUSETTS AVENUE AND ALEWIFE BROOK PARKWAY THROUGHOUT THE CONSTRUCTION OF WORK ZONE #5. PEDESTRIAN BY–PASS SHALL BE IMPLEMENTED AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #5

0 40 80 120

SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

SEA CONSULTANTS INC.
Scientists/Engineers/Architects
CAMBRIDGE, MASSACHUSETTS CONCORD, NEW HAMPSHIRE
ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER

Scale	AS NOTED
Date	JANUARY 15, 2010
Job No.	2008288.03-A
Designed by	CMC
Drawn by	CMC
Checked by	SFJ
Approved by	VWS

No.	Description	Date
	REVISIONS	

THE WORKS
CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #5

Sheet: TMP-9
100 OF 102

File No.

PLOT DATE=1/14/2010 1:20:19 PM USER=BRYANT REYES FILENAME=G:_clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\General\2008288-TRAFFIC MANAGEMENT_REVISED 11.10.09.dwg

NOTES:

1. WORK ZONES #4, #5, AND #6 CONSIST OF THE INSTALLATION OF THE 3–INCH PVC CONDUIT BETWEEN CAM 002 AND THE CITY OF CAMBRIDGE TELEMETRY. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.

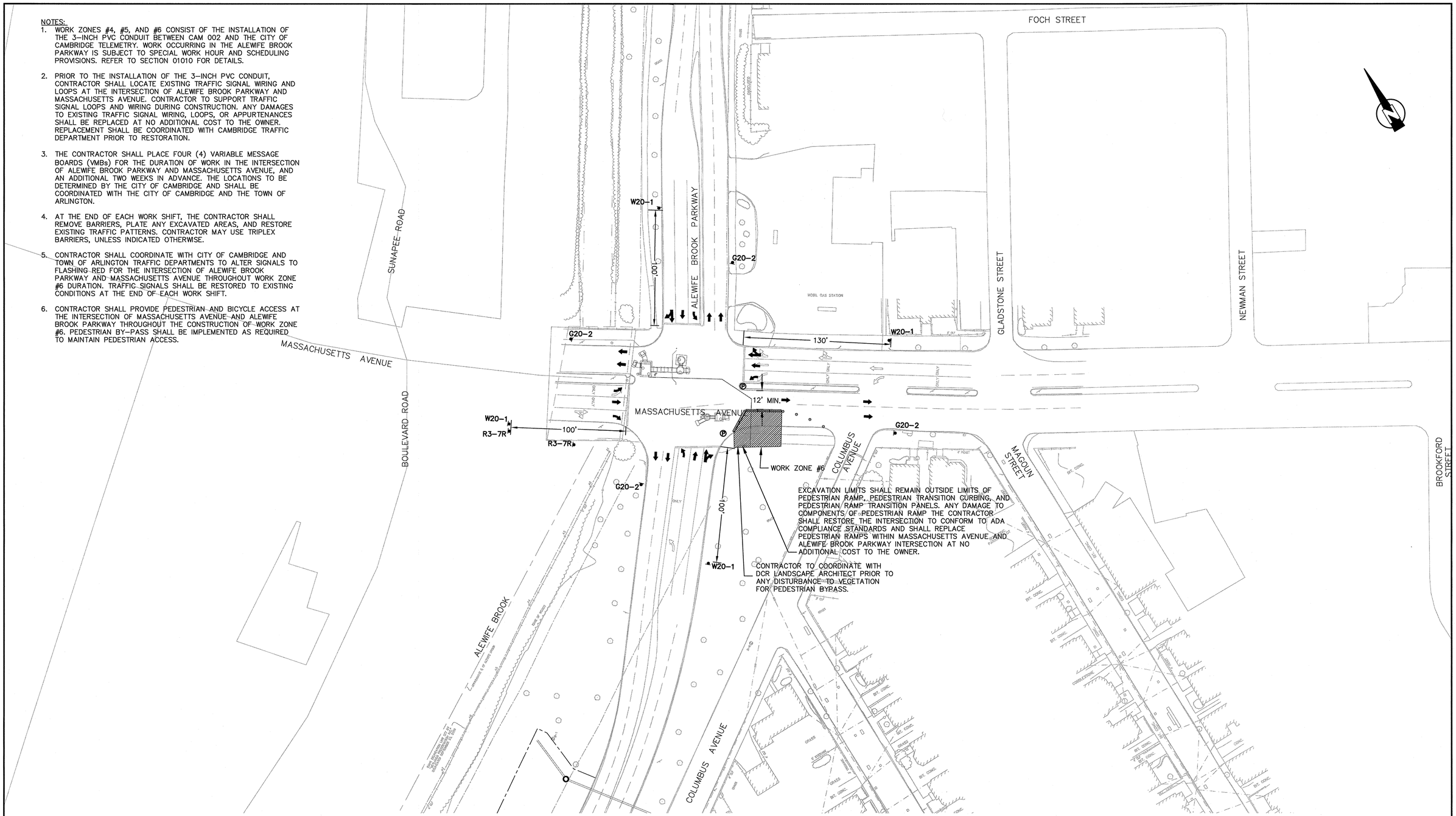
2. PRIOR TO THE INSTALLATION OF THE 3–INCH PVC CONDUIT, CONTRACTOR SHALL LOCATE EXISTING TRAFFIC SIGNAL WIRING AND LOOPS AT THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE. CONTRACTOR TO SUPPORT TRAFFIC SIGNAL LOOPS AND WIRING DURING CONSTRUCTION. ANY DAMAGES TO EXISTING TRAFFIC SIGNAL WIRING, LOOPS, OR APPURTENANCES SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. REPLACEMENT SHALL BE COORDINATED WITH CAMBRIDGE TRAFFIC DEPARTMENT PRIOR TO RESTORATION.

3. THE CONTRACTOR SHALL PLACE FOUR (4) VARIABLE MESSAGE BOARDS (VMBs) FOR THE DURATION OF WORK IN THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE, AND AN ADDITIONAL TWO WEEKS IN ADVANCE. THE LOCATIONS TO BE DETERMINED BY THE CITY OF CAMBRIDGE AND SHALL BE COORDINATED WITH THE CITY OF CAMBRIDGE AND THE TOWN OF ARLINGTON.

4. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.

5. CONTRACTOR SHALL COORDINATE WITH CITY OF CAMBRIDGE AND TOWN OF ARLINGTON TRAFFIC DEPARTMENTS TO ALTER SIGNALS TO FLASHING RED FOR THE INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVENUE THROUGHOUT WORK ZONE #6 DURATION. TRAFFIC SIGNALS SHALL BE RESTORED TO EXISTING CONDITIONS AT THE END OF EACH WORK SHIFT.

6. CONTRACTOR SHALL PROVIDE PEDESTRIAN AND BICYCLE ACCESS AT THE INTERSECTION OF MASSACHUSETTS AVENUE AND ALEWIFE BROOK PARKWAY THROUGHOUT THE CONSTRUCTION OF WORK ZONE #6. PEDESTRIAN BY–PASS SHALL BE IMPLEMENTED AS REQUIRED TO MAINTAIN PEDESTRIAN ACCESS.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND MASSACHUSETTS AVE - WORK ZONE #6

0 40 80 120

SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

SEA CONSULTANTS INC.
Scientists/Engineers/Architects
CAMBRIDGE, MASSACHUSETTS CONCORD, NEW HAMPSHIRE
ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER
1/15/10

Scale	AS NOTED			
Date	JANUARY 15, 2010			
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Designed by	CMC			
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THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/MASSACHUSETTS AVENUE - WORK ZONE #6

Sheet: TMP-10
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File No.

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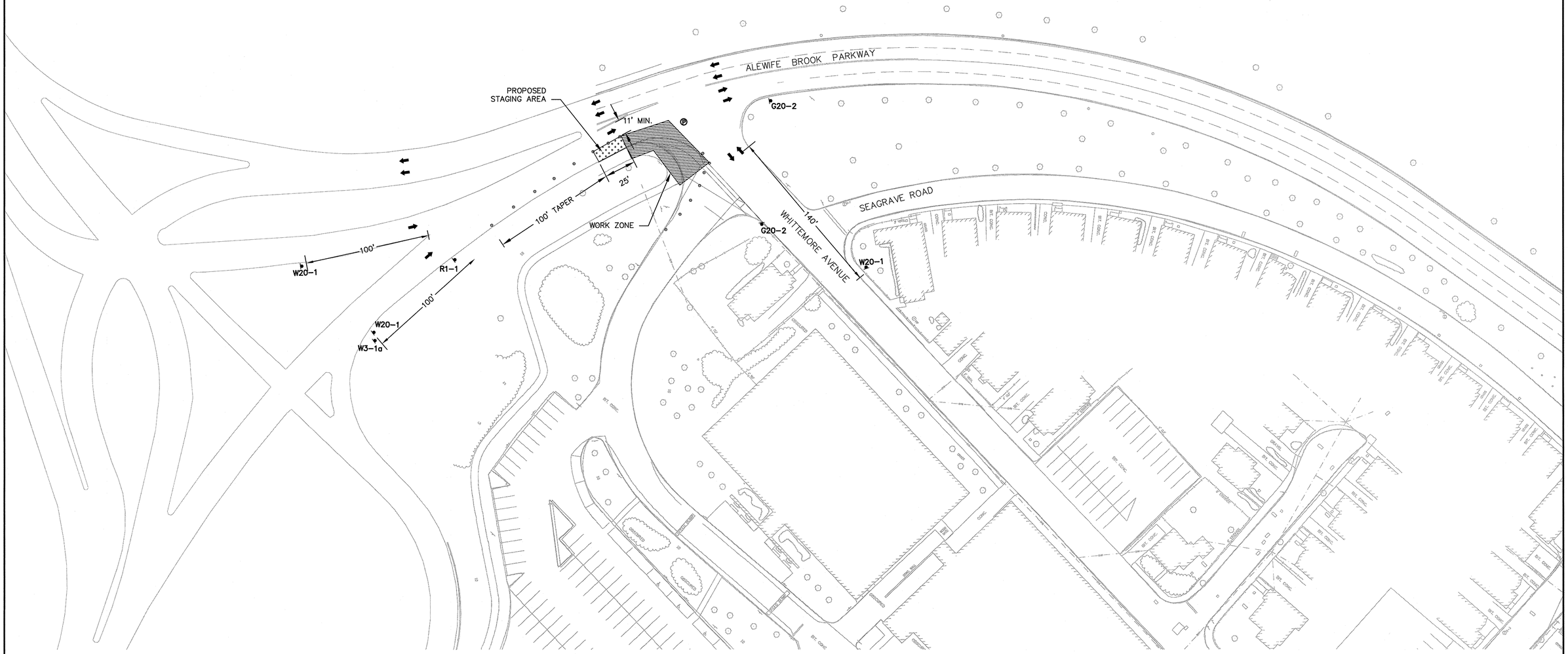
NOTES:
1. WORK OCCURRING IN THE ALEWIFE BROOK PARKWAY IS SUBJECT TO SPECIAL WORK HOUR AND SCHEDULING PROVISIONS. REFER TO SECTION 01010 FOR DETAILS.

2. AT THE END OF EACH WORK SHIFT, THE CONTRACTOR SHALL REMOVE BARRIERS, PLATE ANY EXCAVATED AREAS, AND RESTORE EXISTING TRAFFIC PATTERNS. CONTRACTOR MAY USE TRIPLEX BARRIERS, UNLESS INDICATED OTHERWISE.



INTERSECTION OF ALEWIFE BROOK PARKWAY AND WHITTEMORE AVE - WORK ZONE

0 40 80 120
SCALE IN FEET
SCALE: 1"=40'

CONFORMED SET

SEA CONSULTANTS INC.
Scientists/Engineers/Architects
CAMBRIDGE, MASSACHUSETTS CONCORD, NEW HAMPSHIRE
ROCKY HILL, CONNECTICUT AUGUSTA, MAINE
FRAMINGHAM, MASSACHUSETTS

MWH
BOSTON
MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS
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THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: TRAFFIC MANAGEMENT - ALEWIFE BROOK PARKWAY/WHITTEMORE AVENUE - WORK ZONE

Sheet: TMP-11
102 OF 102

File No.

PLOT DATE=1/14/2010 1:21:17 PM USER=BRYANT REYES FILENAME=G:_clients\Cambridge MA\2008288 - CAM 400 Sewer Separation\General\2008288-TRAFFIC MANAGEMENT_REVISED 11.10.09.dwg